Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 15 Jan 2022 until 23:59 on Sunday 16 Jan 2022

Forecast Issued on Friday 14 Jan 2022 at 11:21

Confidence: Mainly settled conditions with high pressure in the south dominating the weather for the Lake District. Lower confidence in the mist and fog risk and cloud amounts over the coming days but periods of dry and bright weather are likely interspersed with a few periods of wet and low cloud conditions.

Headline for Saturday 15 Jan 2022: A dry and bright day, thicker cloud and some light rain later in the afternoon and evening.

Mountain weather hazards on Saturday 15 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Light rain	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	10%	10%	10%	40%	20%

Forecast for Saturday 15 Jan 2022

Weather: A mainly clear and dry night, leading into a bright and dry morning, perhaps a few mist or pockets of fog to start the day. Cloud will increase later in the morning and through the afternoon. An area of light and patchy rain will affect the area by late afternoon. Cloud clearing again later in the evening.

Chance of cloud free mountain/hill tops above 800m: 100% in the morning but 40% by late afternoon associated with light rain.

Visibility: Good or very good visibility for most of the day until mid to late afternoon when it will be moderate or poor for a time in light rain or drizzle. Cloud bases will become broken at 500m later in the afternoon, perhaps scattered at 600m around northern Fells where there will be a little shelter.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 15 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	17/21 S	17/21 S	15/18 S	15/18 S	14/17 S	14/18 S	19/24 S	20/25 SW	19/24 SW
600	11/14 S	13/17 S	10/13 S	9/12 S	8/11 S	12/16 S	12/17 SW	13/19 SW	14/21 SW
300	4/13 S	4/14 S	3/11 S	3/9 S	2/9 S	4/12 S	3/13 S	4/15 SW	5/16 SW
Valley	1/9 SE	1/9 SE	2/9 SE	2/8 SE	3/6 SE	4/10 S	4/11 S	5/13 SW	6/15 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-3	2/-4	1/-4	-0/-6	0/-5	-0/-6	-0/-6	0/-6	-0/-6
600	3/-1	3/-2	2/-2	1/-3	2/-2	1/-3	1/-4	2/-3	2/-4
300	3/1	2/0	1/-0	1/-0	4/2	3/1	2/1	3/2	3/1
Valley	3/2	3/2	2/1	2/1	5/4	5/4	5/3	6/4	6/4
Freezing Level*	1500m	1400m	1400m	1300m	1200m	1200m	1100m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cooler later in the day as freezing level falls below higher summits by early evening with a significant chill by late afternoon in the fresh southerly winds.

Forecast for Sunday 16 Jan 2022

Weather: Some early outbreaks of rain accompanied by some mist and fog will soon clear south with a fresh northerly airstream following, although feeling cold it will turn into a bright and dry day with very good visibility.

Maximum wind: Northwesterly 15-20mph.

Chance of cloud free mountain/hill tops above 800m: 60% in the early morning becoming 100% by mid morning onwards.

Visibility: Visibility will be poor around dawn with some mist and fog patches but as light rain affects the Lake District this will soon clear south and cloud will clear to leave very good visibility for the rest of the day. Cloud bases will be scattered or broken at 5-600m around dawn but will soon improve with very little cloud at all in the afternoon.

Temperature: **Valleys:** Plus 3 rising to 6 Celsius.
At 800m: Plus 2 Celsius falling to Zero Celsius.
Freezing level: Above the summits falling to 700m

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Ground Conditions Supplement

Date: Friday 14 January. Location: Helvellyn summit at 11:18. Full report: A stunning day it the higher fells with all of the valleys and low lying terrain blanketed under a sea of cloud as far as the eye could see and only the higher fells poking through. The temperature inversion associated with these conditions meant that the valley bottoms were actually a couple of degrees cooler than on the tops today and it felt relatively warm in the sunshine and with little wind. The majority of the fells are now snow-free, however, all of the patches that were encountered today were very well frozen and quite resistant to thawing conditions even in the sunshine. The largest quantities of snow can be found on north through east-facing aspects above 700m. Small cornices are also present around east-facing corrie rims and should be given a wide berth. Striding and Swirral edge can be done almost entirely on rock with careful route choice, however, both have steep banks of snow guarding their exits. An ice axe and crampons/microspikes are recommended for these and similar routes over or above steep ground where snow still remains. Full winter clothing (warm and waterproof), including a hat and gloves as well as a map, compass, and head torch are all essential. Temperature: Plus 8.8 C, Maximum wind speed 7.6 mph, Wind chill: plus 6.3 C, Average wind speed: 3.9 mph.

Issued at: 1121 on Fri 14 Jan 2022

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